



1,4-Dioxane Investigative Report Initiative 2022 - Raleigh, North Carolina.

ABOUT OUR AGENCY

The NC Department of Environmental Quality (DEQ) is the lead stewardship agency for the protection of North Carolina's environmental resources. The organization, administers regulatory programs designed to protect air quality, water quality, and the public's health, and also works to advance an all-of-the-above energy strategy that fits North Carolina's needs. DEQ also offers technical assistance to businesses, farmers, local governments, and the public and encourages responsible behavior with respect to the environment through education programs provided at DEQ facilities and through the state's school system. As new technologies, processes or industry operations are proposed to be implemented in North Carolina, DEQ regulatory agencies may be requested to examine the collective impact of such projects on the environment and surrounding communities.

ABOUT THE DIVISION

The Division of Environmental Assistance and Customer Service (DEACS) helps expand the use of sustainable practices regarding waste reduction, energy efficiency, water conservation and emissions reductions. DEACS helps broaden our understanding of the environmental regulatory and permitting programs to improve our customer service assistance. DEACS also helps promote recycling material management programs and help expand recycling infrastructures thereby creating economic growth.

The program will run approximately 10 weeks starting on or around May 16, 2022.

Read more about our agency here: <https://deq.nc.gov/>

JOB DESCRIPTION

This initiative will assist DEQ leadership and DWR to compile a report to be submitted to the Environmental Management Commission. The report summarizes the department's investigation

and identifies potential sources of the 1,4-Dioxane exceedances at the City of Greensboro TZO Waste Treatment Plant. The student will work with staff to compile information collected by the division to document data collected, their findings, and additional next steps to rule out potential causes of high pollution levels.

MAJOR DUTIES

- Interpret environmental data and identify data gaps and needs.
- Data synthesis and statistical analysis.
- Assist in identifying nonregulated sources that should be investigated.
- Generate the final report that will be reviewed by DEQ leadership and disseminated to the public.

POSITION QUALIFICATIONS:

- Applicants must be at least 18 years' old
- 2.0 Major GPA
- Graduation date of May/December 2022, rising Junior or senior, or graduate student.
- Currently enrolled in undergraduate or graduate program.
- Desired Major: Environmental Resource Management, Environmental Science + lab/field component, Computer Science or Statistical Analysis.

MANAGEMENT DESIRED QUALIFICATIONS

- Proficient with MS Office Suite
- Possess good communication skills
- Able to multitask and switch tasks quickly based on needs
- Knowledge of environmental sampling methods
- Data management experience

SPECIAL NOTES

- Housing & Travel allowance is not provided
- Summer hourly rate is \$15.00
- Pay cycle is bi-weekly
- Summer opportunity will be approximately 10 weeks
- Summer opportunity will work up to 40 hours each week

APPLICATION INSTRUCTIONS

- Send resume and cover letter to DEQInternships@ncdenr.gov with **Subject Line: Dioxane Investigative Application**
- **Application deadline of 4/18/2022 5PM (or may remain open until we have suitable applicant pool)**

Important Dates:

- **4/18/22 – Application Deadline (or may remain open until we have a suitable applicant pool)**
- **4/19/22 – Resumes will be forward to Hiring Managers**
- **4/20/22 – 4/27/22 – Interviews (schedules permitting)**
- **5/16/22 – 7/22/22 – STEP Assignment Dates (approximate start/ end dates, flexible)**

QUESTIONS? Please contact NC Department of Environmental Quality, HR

DEQInternships@ncdenr.gov